

Nicholas B. Vedder, M.D.
7580 SE 71st Street
Mercer Island, Washington 98040

October 1, 2011

Federal Communications Commission
Washington, D.C.

Re: FCC File #SAT-MOD-20101118-00239

To Whom It May Concern:

I was appalled to learn that the FCC recently granted a license to LightSquared that will potentially seriously disrupt the normal, safe operation of GPS systems. As an owner and skipper of a 52 ft. sailboat in the Pacific Northwest, I rely on the constant availability of accurate GPS positioning for the safety of my family, my crew, and myself. It is inconceivable to me that the FCC would even consider jeopardizing this critical navigation system through such an action.

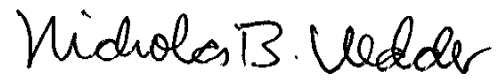
The FCC must make clear, and the NTIA must ensure, that LightSquared's license modification is contingent on the outcome of the mandated study unequivocally demonstrating that there is no interference to GPS. The study must be comprehensive, objective, and based on correct assumptions about existing GPS uses rather than theoretical possibilities. Given the substantial pre-existing investment in GPS systems and infrastructure, and the critical nature of GPS applications, the results of studies must conclusively demonstrate that there is no risk of interference. If there is conflicting evidence, doubts must be resolved against the LightSquared terrestrial system. The views of LightSquared, as an interested party, are entitled to no special weight in this process.

The FCC should make clear that LightSquared and its investors are proceeding at their own risk in advance of the FCC's assessment of the working group's analysis. While this is the FCC's established policy, the Commission's International Bureau failed to make this explicit in its order.

Resolution of interference has to be the obligation of LightSquared, not the extensive GPS user community of millions of citizens. LightSquared must bear the costs of preventing interference emanating from their devices, and if there is no way to prevent interference, it should not be permitted to operate. GPS users or providers should not have to bear any of the consequences of LightSquared's actions.

This is a matter of critical national interest. You must take immediate action to undo and reverse the reckless approach that you have taken in this matter.

Sincerely,

A handwritten signature in black ink that reads "Nicholas B. Vedder". The script is cursive and fluid, with the first name "Nicholas" and last name "Vedder" being more prominent than the middle initial "B.".

Nicholas B. Vedder, M.D.